

Title (en)
Quick change system for a press

Title (de)
Schnellwechsellvorrichtung für eine Druckmaschine

Title (fr)
Dispositif de changement rapide pour une machine à imprimer

Publication
EP 1016522 B1 20050727 (EN)

Application
EP 99122777 A 19991116

Priority
US 22221098 A 19981229

Abstract (en)
[origin: US6038972A] A robotic apparatus for a printing press transports components between the press and a staging or make-ready area so that components can be prepared for a new press run off-line from the press. The robotic apparatus includes a pair of lifting assemblies which are movable horizontally between the press and a support frame in the make-ready area. Each of the lifting assemblies includes a vertically movable lift mechanism, and each lift mechanism includes a plurality of lifting cups for engaging the ends of the components of the press which are to be moved. The lifting cups can be operated independently, so that desired components can be moved from any printing deck to any position on the support frame. The press components which can be moved include a plate cylinder and a carriage assembly. The carriage assembly includes a frame, an anilox roll assembly mounted in the frame, and an ink container mounted on the frame.

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IPC 8 full level
B41F 5/24 (2006.01); **B41F 9/18** (2006.01); **B41F 13/24** (2006.01); **B41F 31/30** (2006.01)

CPC (source: EP US)
B41F 5/24 (2013.01 - EP US); **B41F 13/24** (2013.01 - EP US); **B41F 31/30** (2013.01 - EP US); **B41P 2213/804** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
DE ES FR GB IT SE

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